Market Be Valued

Nonderlust Apple's September 2023 Keynote

been and gone not a huge some better watches, improved improvements for iPhone. This happened had the EU not intervened by requiring all mandating just one type of connector stifles innovation sentiment to a point, Lightning first iPhone to feature USB 3 for a huge leap in data transfer

One thing that Apple are right

about is the amount of e-waste that could be created by this move as there are an awful lot of Lightning cables and chargers out in the world. These are not immediately redundant as there are still a lot of old devices out in the world and even devices in Apple's current lineup that still utilise Lightning like the 9th gen iPad and previous iPhones. Perhaps with Apple's push for being carbon neutral by 2030 they will introduce a recycling scheme for old Lightning cables and adaptors.

With regard to their 2030 climate goal the new range of Apple Watches are the first completely carbon neutral products. According to Apple, each new carbon neutral Apple Watch will meet the following criteria: "100% clean energy for manufacturing and product use, 30% recycled or renewed material by weight, and 50% of shipping without the use of air transportation". In total, this equates to a 75% reduction in their overall emissions from 2015 levels.

Outside of the products that were announced these were the really big things I wanted to touch upon. Now on to the new launches!

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ROUND TWO



updated their Apple Watch Ultra 2. The update features both hardware help elevate this as the most advanced smart watch on the

The first of the improvements is the new S9 SiP; a dual-core CPU with 60% more transistors features like on-device Siri, and a brand new double tap

hand without touching the

messages, answer a call, stop/ start a timer and much more. the available widgets. It's the processes data from the which detects tiny movements in the wrist and changes in

Apple have managed to increase the brightness of the Apple Watch Ultra 2 display to

features the most Watch and takes advantage of

be able to request fitness who has access to data from







he Apple Watch Series 9 was also announced and carries some of the new features we discussed with the

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Under the hood we have the Apple S9 SiP with support for he new Double Tap feature and on-device Siri. We also see he same doubling up of performance in the 4-core Neural Engine compared to the Series 8. The S9 SiP also features econd-generation Ultra Wideband (UWB) to enable precision finding for the iPhone 5 which also features the chip.

The display will also reach 2,000 nits. Double that of the orevious model so text is easy to read even in direct sunlight. Something else that I did not mention on the Ultra 2, but is feature on that watch and Series 9 is the watches ability to drop the brightness down to just one nit so it does not disturb others in the early morning or in dark rooms.

Series 9 will be available with the first carbon neutral 100% recycled aluminium variant when paired with the new Sport Loop straps. Series 9 will also be available in Stainless Steel.

Apple Watch Series 9 launches on the 22nd September starting at £399.00/AU\$649.00.

There are also Apple Watch Nike variants with recycled straps as well as Apple Watch Hermès models that have completely removed leather From the equation. In fact, Apple have removed leather pands entirely from the range.



his year's iPhone 15 and 15 Plus update receives somewhat of a redesign from last year's model with the most

obvious of those being the inclusion of the Dynamic Island first introduced on iPhone 14 Pro last year. This year's display available in 6.1-inch and 6.7-inch screen sizes reaches 2,000 nits, twice as bright as the previous model. In HDR, the iPhone 15 reaches a peak brightness of 1,600 nits.

The phone casing has also seen some changes. The aerospacegrade aluminium chassis now features a contoured edge, doing away with the sharp edges of previous models. Apple have also made a change to the back glass. Apple has embedded superfine metallic ions into the glass with a unique formulation for each. This glass is polished and etched to create a matte finish which should help the phone feel more grippy in the hand. Outside of a phone case, iPhones have felt slippery in the hand since they changed to glass backs, so hopefully this is

The camera on iPhone 15 has 12MP of the iPhone 14. The 'Advanced dual-camera system' features a 48MP main range for 12MP Telephoto pictures with an equivalent focal length of 52mm. Portraits can now be shot in Photo mode. Using machine learning the phone detects when a person is in the frame and captures depth information automatically. This picture can photo right away or later in the Photos app. Also added is a feature called 'Focus and Depth Control' which allows users to switch focus between subjects after the photo has been taken. Apple also state to Night Mode which captures

Powering the new iPhone 15 and 15 Plus is last year's A16 Bionic chip which is still a powerhouse of a chip with its 6-core CPU, 5-core GPU and 16-core Neural Engine. iPhone 15 models both feature the second-generation Ultraband chip for connecting two iPhone devices at three times the range range as before, making Precision Finding and Find my Friends more effective than before.

Of course, the other major change to iPhone 15 is the move from Lightning to USB-C. Lightning has really been nothing more than a charging cable for many since iTunes was no longer required for transfer of music etc. The switch to USB-C makes the iPhone a far more flexible device than it ever has been before. This switch will allow iPhone to charge the updated AirPods Pro with USB-C charging case as well as Apple Watch. This also brings iPhone in line with a lot of Apple's product line like the majority of the iPad and Mac lineup.

The new iPhones will be available to pre-order on the 15th September starting at £799.00/AU\$1,499.00 for iPhone 15 and £899.00/ AU1,649.00 for the iPhone 15 Plus with general availability on the 22nd September.





he new iPhone 15 Pro and iPhone 15 Pro Max have also been updated to include USB-C ports for charging

but Pro does receive a USB 3 controller on the logic board. This upgrade to USB 3 for equates to data transfer speeds 20x faster than USB 2.

The most noticeable change to iPhone 15 Pro is the move to a titanium design. Titanium has a very high strength to weight ratio and is even the material used for constructing spacecraft. The move to titanium makes this Apple's lightest Pro lineup of smartphones ever. Apple have applied the same contoured edges to the titanium casing and it's paired with the strongest back glass on any iPhone. The titanium bands are bonded to a new aluminium frame that is constructed of 100% recycled aluminium. This frame has been designed to make the rear glass easier to replace and overall, repairs a lot easier. Yes, you read that correctly. The new iPhone 15 Pro's have been designed to be easier to repair. The new design also features thinner bezels than the previous, highlighting the Super Retina XDR displays which will again is available in 6.1-inch and 6.7-inch sizes with the Always-On and ProMotion features.

Another first is the removal of the function switch which has only ever toggled between ring and silent. In its place is a new Action button. This new button is customisable and users can choose between the following: Camera, Flashlight, access Voice Memos. Focus modes. Translate accessibility features or even Shortcuts for even more options. A press-and-hold gesture launches the appropriate action with visual cues in the Dynamic Island as well as haptic feedback. It's a shame to see the old toggle switch go (I use it quite a lot), but silence/ring can be selected as the function if you want.





